

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	BCA near10 (repeat\$5 or duplicat\$5) near10 (ECC or "error correction")	US-PGPUB; USPAT	OR	ON	2006/10/25 09:15
L2	1	BCA near20 (repeat\$5 or duplicat\$5) near20 (ECC or "error correction")	US-PGPUB; USPAT	OR	ON	2006/10/25 09:14
L3	1	BCA near30 (repeat\$5 or duplicat\$5) near30 (ECC or "error correction")	US-PGPUB; USPAT	OR	ON	2006/10/25 09:14
L4	6	BCA SAME (repeat\$5 or duplicat\$5) SAME (ECC or "error correction")	US-PGPUB; USPAT	OR	ON	2006/10/25 09:14
L5	52	BCA near10 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:16
L6	36	BCA near5 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:35
L7	4	(tracking near2 polarity) near5 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:28
L8	412	("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:18
L9	0	("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5) near5 BCA	US-PGPUB; USPAT	OR	ON	2006/10/25 09:18
L10	0	("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5) near10 BCA	US-PGPUB; USPAT	OR	ON	2006/10/25 09:18
L11	0	((("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5)) near20 BCA	US-PGPUB; USPAT	OR	ON	2006/10/25 09:18
L12	0	((("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5)) SAME BCA	US-PGPUB; USPAT	OR	ON	2006/10/25 09:20
L13	88151	((burst near2 cut\$4 near2 area) or BCA or (bar near2 code))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:19
L14	0	((("tracking error signal" or "TES") near5 (repeat\$5 or duplicat\$5)) SAME L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:20
L16	0	((("tracking error signal" or (track\$4 near2 error near2 signal)) near5 (repeat\$5 or duplicat\$5)) SAME L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:21
L17	27	("tracking error signal" or (track\$4 near2 error near2 signal)) near5 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:29
L18	4	(tracking near2 polarity) near5 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:28
L19	32	((tracking near2 polarity) or "tracking error signal" or (track\$4 near2 error near2 signal)) near10 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:30
L20	1	L19 not (L18 or L17)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:30
L22	32	((tracking near2 polarity) or "tracking error signal" or (track\$4 near2 error near2 signal)) near40 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:30

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L23	52	((tracking near2 polarity) or "tracking error signal" or (track\$4 near2 error near2 signal)) SAME L13	US-PGPUB; USPAT	OR	ON	2006/10/25 09:32
L25	897	L13 near5 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:49
L27	1	L13 near5 (repeat\$5 or duplicat\$5) near5 (ECC or (error near2 correct\$4))	US-PGPUB; USPAT	OR	ON	2006/10/25 09:37
L28	21	L25 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 09:51
L29	1190	L13 near10 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 09:53
L30	26	L29 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 09:53
L32	1398	L13 near20 (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 10:57
L33	32	L32 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 10:57
L43	1484	L13 with (repeat\$5 or duplicat\$5)	US-PGPUB; USPAT	OR	ON	2006/10/25 10:58
L44	36	L43 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 10:58
L45	157	L13 with (repeat\$5 or duplicat\$5) with (record\$4 or stor\$4)	US-PGPUB; USPAT	OR	ON	2006/10/25 11:01
L46	18	L45 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 11:02
L47	83	L13 near10 (repeat\$5 or duplicat\$5) near10 (record\$4 or stor\$4)	US-PGPUB; USPAT	OR	ON	2006/10/25 11:01
L48	12	L47 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 11:02
L49	489	(flag or pointer) near10 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 12:19
L50	361	(flag or pointer) near5 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
L51	28	L49 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
L52	1621	(byte or bit or word) near5 L13	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
L53	107	L52 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/10/25 12:28
S1	1	10/695393	US-PGPUB; USPAT	OR	ON	2006/10/18 13:56
S2	308	((KYUNG-GEUN) near2 (LEE)).INV.	US-PGPUB; USPAT	OR	ON	2006/10/18 13:56
S3	239	((IN-SIK) near2 (PARK)).INV.	US-PGPUB; USPAT	OR	ON	2006/10/18 13:57

EAST Search History

S4	401	((JUNG-WAN) near2 (KO)).INV.	US-PGPUB; USPAT	OR	ON	2006/10/18 13:57
S5	104	((DU-SEOP) near2 (YOON)).INV.	US-PGPUB; USPAT	OR	ON	2006/10/18 13:57
S6	658	S2 or S3 or S4 or S5	US-PGPUB; USPAT	OR	ON	2006/10/18 13:58
S7	163	((KYUNG-GEUN) near2 (LEE)).INV.	EPO; JPO; DERWENT	OR	ON	2006/10/18 13:58
S8	183	((IN-SIK) near2 (PARK)).INV.	EPO; JPO; DERWENT	OR	ON	2006/10/18 13:58
S9	265	((JUNG-WAN) near2 (KO)).INV.	EPO; JPO; DERWENT	OR	ON	2006/10/18 13:59
S10	92	((DU-SEOP) near2 (YOON)).INV.	EPO; JPO; DERWENT	OR	ON	2006/10/18 13:59
S11	433	S7 or S8 or S9 or S10	EPO; JPO; DERWENT	OR	ON	2006/10/18 14:00
S14	1137	369/275.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:01
S15	235	369/52.1.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:00
S16	488	369/44.11.ccls.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:02
S17	3	("20030076775" "20050099916" "20050238333").PN	US-PGPUB; USPAT	OR	ON	2006/10/18 14:51
S18	5	("5881032" "6453119" "6813681" "6856589" "6973015").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:05
S21	1	("20030016603").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:16
S22	1	("20030031109").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:18
S23	1	("20020060968").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:39
S24	1	("20010007545").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:29
S25	12	("20010021144" "4879205" "5521901" "5862122" "5862123" "6028836" "6140011" "6140011" "6208736" "6240060" "6266299" "6638593" "6822937").PN.	US-PGPUB; USPAT	OR	ON	2006/10/18 14:27
S31	1	"6894962"	US-PGPUB; USPAT	OR	ON	2006/10/18 14:52
S32	0	"0713217"	EPO	OR	ON	2006/10/18 14:52
S33	1	"713217"	EPO	OR	ON	2006/10/18 15:06
S34	8387	(burst near2 cutting near2 area) or BCA	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:33

EAST Search History

S36	142508	data near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:22
S38	4984	("lead-in" or "lead in") near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 15:09
S39	13932	clamp\$3 near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 15:09
S40	30	S34 with S36 with S38 with S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 15:14
S41	40	S34 SAME S36 SAME S38 SAME S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:23
S42	10	S41 not S40	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 15:21
S44	58993	(track\$4 near2 polarity) or reflectivity	US-PGPUB; USPAT	OR	ON	2006/10/18 16:25
S45	21	S34 with S44	US-PGPUB; USPAT	OR	ON	2006/10/18 16:25
S47	29	S34 SAME S44	US-PGPUB; USPAT	OR	ON	2006/10/18 16:20
S48	8	S47 not S45	US-PGPUB; USPAT	OR	ON	2006/10/18 16:21
S49	264060	(data or user or information or recording) near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:23
S50	40	S34 SAME S49 SAME S38 SAME S39	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:23
S51	799402	track\$4 or polarity or reflectivity	US-PGPUB; USPAT	OR	ON	2006/10/18 16:25
S52	125	S34 with S51	US-PGPUB; USPAT	OR	ON	2006/10/18 16:26
S53	100	S52 not S47	US-PGPUB; USPAT	OR	ON	2006/10/18 16:26
S55	30	((burst near2 cutting near2 area) or BCA) with ("TES" or (track\$4 near2 error near2 signal\$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:37
S56	4	((burst near2 cutting near2 area) or BCA) with (track\$4 near2 error)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:37
S58	48	((burst near2 cutting near2 area) or BCA) with (polarity or reflectiv\$6)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:55

EAST Search History

S59	3	("5138511" "5553051" "5822294").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:39
S62	3	("5138511" "5553051" "5822294").PN	US-PGPUB; USPAT	OR	ON	2006/10/18 16:45
S63	3	(US-5822294-\$ or US-5553051-\$ or US-5138511-\$).did.	USPAT	OR	ON	2006/10/18 16:46
S65	222	((burst near2 cutting near2 area) or BCA) with position\$4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:55
S66	7	((burst near2 cutting near2 area) or BCA) with (track near3 position\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/18 16:56
S67	8419	(burst near2 cutting near2 area) or BCA	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/19 14:57
S68	4999	("lead-in" or "lead in") near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/19 13:33
S69	13948	clamp\$3 near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/19 13:33
S72	40	S69 SAME S67 SAME S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 14:58
S73	2	"20030076772"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 13:46
S74	2	"20030076775"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 13:46
S75	8	"1124221"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 13:46
S76	3050	reflect\$5 with remov\$3 and (optical with dis\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 14:25
S77	124	reflect\$5 with remov\$3 and (optical with dis\$2) same bar near2 code	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/21 15:12
S78	72056	(burst near2 cutting near2 area) or (bar near2 code) or BCA	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/19 14:57

EAST Search History

S79	41	S69 SAME S78 SAME S68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 14:58
S80	1	S79 not S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/19 14:58
S81	67	("lead-in" or "lead in") with ("lead-out" or "lead out") with ((burst near2 cut\$4 near2 area) or BCA or (bar near2 code))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 14:56
S82	2	"6973015"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:40
S83	18	"6453119"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:44
S84	30	"5881032"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:44
S85	13948	clamp\$3 near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/10/22 13:53
S86	5430	("lead-in" or "lead in") near2 (area or zone or region)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:54
S87	235	S85 with S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:54
S88	314549	"multi-layer" or ((dual or plural\$4 or multiple) near2 layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:55
S89	30	S87 and S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 14:11
S90	0	2001/0008578	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:57
S91	2	"20010008578"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 13:57

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S92	2	S87 same S88	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 14:11
S93	13	S87 same layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 14:11
S94	34	(crystalline) with ((burst near2 cut\$4 near2 area) or BCA or (bar near2 code))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 14:57
S95	18	(crystalline) with ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:36
S96	5	("serial number" or "serial no") with (date) with ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:37
S97	4	(date near2 manufactur\$4) with ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:45
S98	39	(date) with ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:46
S99	456	(date near2 (manufactur\$4 or produc\$4)) with ((burst near2 cut\$4 near2 area) or BCA or (bar near2 code))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/25 09:19
S100	4	(date near2 (manufactur\$4 or produc\$4)) with ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:46
S101	13	(date) near5 ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:47
S102	26	(date) near10 ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:48
S103	13	S102 not S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 15:47

EAST Search History

S104	91	(serial) near10 ((burst near2 cut\$4 near2 area) or BCA)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:16
S105	899	tracking near2 polarity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:17
S106	7	S105 with byte	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:17
S107	1911	track\$4 near2 polarity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:19
S108	7	S107 with byte	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:17
S109	1911	track\$4 near2 polarity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:29
S110	6	S109 with ((continu\$5 or repeat\$5 or twice or repeat\$5) near2 record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:27
S111	127	track\$4 near2 polarity near2 (info\$8 or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:23
S112	2	S111 with (byte or bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:22
S113	65	(track\$4 near2 polarity) with stor\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:23
S114	1	(track\$4 near2 polarity) with stor\$4 with (byte or bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:27
S115	755	S109 and "369" clas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:26

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S116	36	S109 and 369/275.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:49
S117	19	S109 and 369/44.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:45
S118	1183	TES with (byte or bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:27
S119	186	TES with (byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:28
S120	0	S119 with ((continu\$5 or repeat\$5 or twice or repeat\$5) near2 record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:28
S121	107	tes with ((continu\$5 or repeat\$5 or twice or repeat\$5) near2 record\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:28
S125	899	tracking near2 polarity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:30
S126	233	"tracking polarity"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:33
S127	144509	"tracking polarity" or (track\$4 near2 polarity) or "tracking error signal" or "TES" or (tracking near2 error near2 signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:34
S128	1415	S127 with (byte or bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:36
S133	221	S128 and "369".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:36
S134	213	S127 with (byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:38

EAST Search History

S135	27	S134 and "369".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:38
S136	145	S127 near5 (byte)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:40
S137	15	S136 and "369".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:41
S138	662	S127 near5 (bit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:40
S139	64	S138 and "369".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 16:41
S140	5	"4633329"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 17:00
S141	1	10/803454	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/22 17:00